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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	10/813324-Conf. #5837
Filing Date	March 29, 2004
First Named Inventor	Heidi A. TISSENBAUM
Art Unit	N/A 1649
Examiner Name	Not Yet Assigned
Attorney Docket Number	UMY-035

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DK	A1*	US-6,225,120	05-01-2001	Ruvkun et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DK	C1	Ailion, Michael et al, "Neurosecretory control of aging in <i>Caenorhabditis elegans</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 96:7394-7397 (1999)	
	C2	Ann, Kyoungsook et al, "Novel Ca ²⁺ -binding Protein (CAPS) Related to UNC-31 Required for Ca ²⁺ -activated Exocytosis," <i>The Journal of Biological Chemistry</i> , Vol. 272(32):19637-19640 (1997)	
	C3	Apfeld, Javier et al, "Cell Nonautonomy of <i>C. elegans</i> <i>daf-2</i> Function in the Regulation of Diapause of Life Span," <i>Cell</i> , Vol. 95:199-210 (1998)	
	C4	Aravamudan, Bharathi et al, " <i>Drosophila</i> Unc-13 is essential for synaptic transmission," <i>Nature Neuroscience</i> , Vol. 2(11):965-971 (1999)	
	C5	Augustin, Iris et al, "Munc13-1 is essential for fusion competence of glutamatergic synaptic vesicles," <i>Nature</i> , Vol. 400:457-461 (1999)	
	C6	Barsyte, Dalia et al, "Longevity and heavy metal resistance in <i>daf-2</i> and <i>age-1</i> long-lived mutants of <i>Caenorhabditis elegans</i> ," <i>FASEB J.</i> , Vol. 15:627-634 (2001)	
	C7	Brose, Nils et al, "Regulation of transmitter release by Unc-13 and its homologues," <i>Current Opinion in Neurobiology</i> , Vol. 10:303-311 (2000)	
	C8	Clancy, David J. et al, "Extension of Life-Span by Loss of CHICO, a <i>Drosophila</i> Insulin Receptor Substrate Protein," <i>Science</i> , Vol. 292(5514):104-106 (2001)	
	C9	Cutrer, F. Michael et al, "Antiepileptic Drugs in Migraine, Cluster Headache, and Mood Disorders," <i>Headache, The Journal of Head and Face Pain</i> , Vol. 41(Suppl. 1):S3-S10 (2001)	
	C10	Friedman, David B. et al, "A Mutation in the <i>age-1</i> Gene in <i>Caenorhabditis elegans</i> Lengthens Life and Reduces Hermaphrodite Fertility," <i>Genetics</i> , Vol. 118:75-86 (1988)	
	C11	Gems, David et al, "Genetic, Behavioral and Environmental Determinants of Male Longevity in <i>Caenorhabditis elegans</i> ," <i>Genetics</i> , Vol. 154:1597-1610 (2000)	
	C12	Hekimi, Siegfried et al, "Genetics and the Specificity of the Aging Process," <i>Science</i> , Vol. 299(5611):1351-1354 (2003)	
	C13	Honda, Yoko et al, "The <i>daf-2</i> gene network for longevity regulates oxidative stress resistance and Mn-superoxide dismutase gene expression in <i>Caenorhabditis elegans</i> ," <i>FASEB J.</i> , Vol. 13:1385-1393 (1999)	

Examiner Signature	/Daniel Kolker/ (10/03/2006)	Date Considered	10/03/2006
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Substitute for form 1449A/B/PTO			Complete if Known		
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			Attorney Docket Number	UMY-035	
Sheet	2	of	2		

DK	C14	Kawasaki, Masato et al, "A <i>Caenorhabditis elegans</i> JNK signal transduction pathway regulates coordinated movement via type-D GABAergic motor neurons," <i>The EMBO Journal</i> , Vol. 18(13):3604-3615 (1999)	
	C15	Kittler, Josef T. et al, "Mechanisms of GABA _A Receptor Assembly and Trafficking," <i>Molecular Neurobiology</i> , Vol. 26:251-268 (2002)	
	C16	Klass, Michael R., "A Method for the isolation of Longevity Mutants in the Nematode <i>Caenorhabditis elegans</i> and Initial Results," <i>Mechanisms of Ageing and Development</i> , Vol. 22:279-286 (1983)	
	C17	Koga, Makoto et al, "A <i>Caenorhabditis elegans</i> MAP kinase kinase, MEK-1, is involved in stress responses," <i>The EMBO Journal</i> , Vol. 19(19):5148-5156 (2000)	
	C18	Lackner, Mark R. et al, "Facilitation of Synaptic Transmission by EGL-30 Gq α and EGL-8 PLC β : DAG Binding to UNC-13 Is Required to Stimulate Acetylcholine Release," <i>Neuron</i> , Vol. 24:335-346 (1999)	
	C19	Lithgow, Gordon J. et al, "Thermotolerance and extended life-span conferred by single-gene mutations and induced by thermal stress," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92:7540-7544 (1995)	
	C20	Miller, Kenneth G. et al, "RIC-8 (Synembryn): A Novel Conserved Protein that Is Required for Gq α Signaling in the <i>C. elegans</i> Nervous System," <i>Neuron</i> , Vol. 27:289-299 (2000)	
	C21	Miller, Kenneth G. et al, "Gq α and Diacylglycerol Kinase Negatively Regulate the Gq α Pathway in <i>C. elegans</i> ," <i>Neuron</i> , Vol. 24:323-333 (1999)	
	C22	Murakami, Shin et al, "A Genetic Pathway Conferring Life Extension and Resistance to UV Stress in <i>Caenorhabditis elegans</i> ," <i>Genetics</i> , Vol. 143:1207-1218 (1996)	
	C23	Nurish, Stephen et al, "Serotonin Inhibition of Synaptic Transmission: G α_o Decreases the Abundance of UNC-13 at Release Sites," <i>Neuron</i> , Vol. 24:231-242 (1999)	
	C24	Owens, David F. et al, "Is There More to GABA than Synaptic Inhibition?" <i>Nat. Rev. Neuroscience</i> , Vol. 3:715-727 (2002)	
	C25	Richmond, Janet E. et al, "UNC-13 is required for synaptic vesicle fusion in <i>C. elegans</i> ," <i>Nature Neuroscience</i> , Vol. 2(11):959-964 (1999)	
	C26	Richmond, Janet E. et al, "The synaptic vesicle cycle: exocytosis and endocytosis in <i>Drosophila</i> and <i>C. elegans</i> ," <i>Current Opinion in Neurobiology</i> , Vol. 12:499-507 (2002)	
	C27	Sassa, Toshihiro et al, "Regulation of the UNC-18- <i>Caenorhabditis elegans</i> Syntaxin Complex by UNC-13," <i>The Journal of Neuroscience</i> , Vol. 19(12):4772-4777 (1999)	
	C28	Sutton, R. Bryan et al, "Crystal structure of a SNARE complex involved in synaptic exocytosis at 2.4 Å resolution," <i>Nature</i> , Vol. 395:347-353 (1998)	
	C29	Tatar, M. et al, "Slow aging during insect reproductive diapause: why butterflies, grasshoppers and flies are like worms," <i>Experimental Gerontology</i> , Vol. 36:723-738 (2001)	
	C30	Villanueva, Alberto et al, " <i>jnk-1</i> and <i>mek-1</i> regulate body movement coordination and response to heavy metals through <i>jnk-1</i> in <i>Caenorhabditis elegans</i> ," <i>The EMBO Journal</i> , Vol. 20(18):5114-5128 (2001)	
	C31	Wolkow, Catherine A. et al, "Regulation of <i>C. elegans</i> Life-Span by Insulinlike Signaling in the Nervous System," <i>Science</i> , Vol. 290(5489):147-150 (2000)	
	C32	Zhang, Wei et al, "Munc-18 Associates with Syntaxin and Serves as a Negative Regulator of Exocytosis in the Pancreatic β -Cell," <i>The Journal of Biological Chemistry</i> , Vol. 275(52):41521-41527 (2000)	
↓	C33	International Search Report for Application No. PCT/US04/09882, dated January 14, 2005	

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